

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. MM 0231691				
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -				
2. NAME OF OPERATOR Cities Service Oil Company		7. UNIT AGREEMENT NAME -				
3. ADDRESS OF OPERATOR P. O. Box 69 - Hobbs, New Mexico		8. FARM OR LEASE NAME Government J				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FVL Sec 5-T88-R35E Roosevelt County, New Mexico At top prod. interval reported below same as above At total depth same as above		9. WELL NO. 1				
14. PERMIT NO. -		DATE ISSUED 11-6-64				
15. DATE SPUNDED 11-7-64		16. DATE T.D. REACHED 11-17-64				
17. DATE COMPL. (Ready to prod.) 11-27-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4251 DF				
19. ELEV. CASINGHEAD 4243		12. COUNTY OR PARISH Roosevelt				
13. STATE New Mexico		10. FIELD AND POOL, OR WILDCAT Undesignated				
20. TOTAL DEPTH, MD & TVD 4744		21. PLUG, BACK T.D., MD & TVD 4704				
22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY 0-4744				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4598-4631 (San Andres)		25. WAS DIRECTIONAL SURVEY MADE Yes				
26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic-Gamma Ray, Laterolog, Microlaterolog		27. WAS WELL CORED Yes				
28. CASING RECORD (Report all strings set in well)						
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
8 5/8"		24#		406		
4 1/2"		9.5#		4744		
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
11 1/4"		200 sacks (c/lrc.)		-		
7 7/8"		250 sacks		-		
29. LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
-		-		-		
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD		
-		-		SIZE		
-		-		2 3/8"		
-		-		DEPTH SET (MD)		
-		-		4560		
-		-		PACKER SET (MD)		
-		-		-		
31. PERFORATION RECORD (Interval, size and number)						
Perf. w/1 - 3/8" hole each @ 4598, 4606, 4608, 4614, 4624 and 4631.						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
4598-4631		Acid 2000 gals. sand frac w/20,000 gals. + 20,000# sand + 1/20# admixt/gal.				
33.* PRODUCTION						
DATE FIRST PRODUCTION 11-27-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11-27-64		HOURS TESTED 24		CHOKE SIZE 32/64"		
PROD'N. FOR TEST PERIOD 186		OIL—BBL. 11.6		GAS—MCF. 13		
WATER—BBL. 62		GAS-OIL RATIO 100#		OIL GRAVITY-API (CORR.) 30.5		
FLOW. TUBING PRESS. 100#		CASING PRESSURE 100#		CALCULATED 24-HOUR RATE 100#		
OIL—BBL. -		GAS—MCF. -		WATER—BBL. -		
OIL GRAVITY-API (CORR.) 30.5		TEST WITNESSED BY J. L. Russell		-		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold (Hearburg & Ingram)						
35. LIST OF ATTACHMENTS Sonic-Gamma Ray, Laterolog, Microlaterolog-Deviation test						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED C. A. B. T.		TITLE District Clerk		DATE 11-30-64		

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
			TOP	
			TRUE VERT. DEPTH	
San Andres	4638	4698	Anhydrite Yates Queen San Andres "A" Zone	2155 2643 3337 3816 4529
(60') Rec 60' dolomite, dense w/Anhydrite inclusions w/occasional traces of P.P. porosity, N.S.				

New Mexico
Roosevelt

Cities Service Oil

Government J

1

5

8s

35E

Roosevelt

New Mexico

E. Y. Wilder

.25	400
.25	850
.50	1300
.50	1785
.50	2115
.75	2600
1.00	3070
1.00	3520
.75	3825
.50	4125
.50	4360
.50	4520
1.00	4730

30th

November

64

3-1-68

E. Y. Wilder

Lea County, New Mexico

Notary Public